

**United States Department of Agriculture  
Agricultural Marketing Service, Science & Technology  
Pesticide Data Program**

SOP No.: PDP-QC-13 Nectarines		Page 1 of 7
Title: Commodity Specific Requirements for Nectarines		
Revision: 2	Replaces: 01/01/07	Effective: 07/01/07

**1. Purpose:**

To provide a listing of PDP identified required compounds for nectarines.

**2. Scope:**

This standard operating procedure (SOP) shall be followed by all laboratories analyzing nectarines for PDP. This SOP shall be used in conjunction with QC-13 which specifies procedures for selecting marker compounds and process controls and identifies PDP commodity groupings.

**3. References:**

- PDP Program Plan, January through June, 2007
- SOP PDP-QC-13, "Required Compounds, Marker Pesticides, Process Control Compounds, and PDP Commodity Groupings"
- Pesticide Chemical News Guide
- Federal/State Meeting, October 26-28, 1999

**4. Specific Procedures:**

This SOP represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

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**United States Department of Agriculture  
Agricultural Marketing Service, Science & Technology  
Pesticide Data Program**

SOP No.: PDP-QC-13 Nectarines		Page 2 of 7
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**Compounds Required for Nectarine Multi Residue Screens**

<b>Nectarine Compound</b>	<b>Reported As</b>	<b>Pest Code</b>	<b>Priority</b>
Acephate		204	1
Aldrin		001	3
Azinphos methyl		042	1
Azoxystrobin		ACX	2
Bendiocarb		658	1
Benoxacor		A05	4
BHC	BHC alpha and/or	903	3
	BHC beta or	904	
	BHC (total)	006	
Bifenthrin		930	1
Boscalid		AEO	2
Captan	Captan and/or	011	3
	Tetrahydrophthalimide (THPI)	624	
Carbaryl		102	1
Carfentrazone ethyl		B21	4
Chlordane	Chlordane cis and/or	173	3
	Chlordane trans or	172	
	Chlordane (total)	014	
Chlorothalonil		164	3
Chlorpyrifos		160	1
Clopyralid		B46	2
Clothianidin		AEP	2
Cyfluthrin		781	1
Cyhalothrin	Cyhalothrin, lambda and	AEM	1
	Cyhalothrin R157836 epimer or	AEN	
	Cyhalothrin total (L-cyhalothrin + R157836 epimer)	AEL	

**United States Department of Agriculture  
Agricultural Marketing Service, Science & Technology  
Pesticide Data Program**

SOP No.: PDP-QC-13 Nectarines		Page 3 of 7
Title: Commodity Specific Requirements for Nectarines		
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<b>Nectarine Compound</b>	<b>Reported As</b>	<b>Pest Code</b>	<b>Priority</b>
Cypermethrin		597	1
Cyprodinil		B22	3
DDD	DDD o,p' and/or	909	3
	DDD p,p' or	908	
	DDD (total)	087	
DDE	DDE o,p' and/or	911	3
	DDE p,p' or	910	
	DDE (total)	300	
DDT	DDT o,p' and/or	907	3
	DDT p,p' or	906	
	DDT (total)	022	
Deltamethrin (includes parent tralomethrin)		612	1
Diazinon		024	1
Diazinon O-analog		395	1
Dichlobenil		324	3
Dichlorvos (DDVP)		338	1
Dicloran		144	3
Dicofol	Dicofol p,p' and/or	254	3
	Dicofol o,p' or	253	
	Dicofol (total)	047	
Dieldrin		028	3
Endosulfan I		900	3
Endosulfan II		901	3
Endosulfan sulfate		902	3
Esfenvalerate/Fenvalerate	Esfenvalerate	714	1
Fenbuconazole		A30	1
Fenhexamid		B41	4
Flonicamid		AGG	2

**United States Department of Agriculture  
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SOP No.: PDP-QC-13 Nectarines		Page 4 of 7
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Nectarine Compound	Reported As	Pest Code	Priority
Fludioxonil		B23	1
Flumioxazin		AFF	4
Heptachlor		044	3
Heptachlor epoxide	Heptachlor epoxide cis and/or	AFC	3
	Heptachlor epoxide trans or	AFD	
	Heptachlor epoxide total	143	
Iprodione		626	3
Malathion		052	1
Malathion O-analog		208	1
Metalaxyl		607	3
Methamidophos		170	1
Methidathion		197	1
Methomyl		159	1
Metolachlor		283	3
Myclobutanil		679	1
Napropamide		594	3
Norflurazon		596	3
Norflurazon desmethyl		720	3
o-Phenylphenol		083	3
Oxyfluorfen		713	3
Permethrin	Permethrin cis and/or	222	1
	Permethrin trans or	223	
	Permethrin (total)	539	
Phosmet		165	1
Prallethrin		ADC	1
Pronamide		540	3
Propargite		623	3
Propetamphos		636	1

**United States Department of Agriculture  
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SOP No.: PDP-QC-13 Nectarines		Page 5 of 7
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<b>Nectarine Compound</b>	<b>Reported As</b>	<b>Pest Code</b>	<b>Priority</b>
Propiconazole		264	1
Pyraclostrobin		AFG	2
Pyridaben		ABL	3
Pyrimethanil		B16	3
Pyriproxyfen		B24	3
Resmethrin		556	1
Tebuconazole		A58	1
Thiamethoxam		B43	2
Triadimefon		608	1
Triadimenol		638	1
Trifloxystrobin		ADQ	2
Trifluralin		151	3

**United States Department of Agriculture  
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Pesticide Data Program**

SOP No.: PDP-QC-13 Nectarines		Page 6 of 7
Title: Commodity Specific Requirements for Nectarines		
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**United States Department of Agriculture  
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Revision 2

May 2007

Monitoring Programs Office

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- Added azinphos methyl
- Deleted bifenazate, carbendazim, clofentezine, cryolite, fluazifop butyl, hexythiazox, methoxyfenozide, oryzalin, phosphine, and sethoxydim

Revision 1

- Modified subsection 2, Scope, to conform with other SOPs
- Removed subsection 3, Outline of Procedures, to conform with other SOPs
- Renumbered remaining subsections
- Added priority levels for compounds
- Updated testing profile to reflect current registrations/data needs
- Deleted azinphos methyl, lindane, methoxychlor, parathion, parathion oxygen analog, parathion methyl, parathion methyl oxygen analog, tetradifon, and vinclozolin
- Removed subsection 5.2, required selected/single residue screens for nectarines
- Removed subsection 5.3, Marker Pesticides for nectarines multi and selected/single residue screens

Original

- Removed dimethoate, omethoate, and phosalone
  - Added imidacloprid
  - Added caveat regarding spinosad analysis by FL1
  - Removed dieldrin from FL1 requirements
  - Removed imidacloprid from CA1 requirements
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